



Patent
Attorney Docket No. 033303-052

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Prem S. Paul et al.

Group Art Unit: 1642

Application No.: 10/618,779

Examiner: Unassigned

Filing Date: July 15, 2003

Confirmation No.: 5988

Title: POLYNUCLEIC ACIDS ISOLATED FROM A PORCINE REPRODUCTIVE AND RESPIRATORY SYNDROM VIRUS (PRRSV), AND PROTEINS ENCODED BY THE POLYNUCLEIC ACIDS

**FIRST
INFORMATION DISCLOSURE STATEMENT
TRANSMITTAL LETTER**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed is a FIRST Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge _____ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of _____ is enclosed for the fee due.
- ☐ Charge _____ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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By Sharon E. Crane
Sharon E. Crane, Ph.D.
Registration No. 36,113

Date: December 28, 2004



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In re Patent Application of)	
Prem S. Paul et al.)	Group Art Unit: 1642
Application No.: 10/618,779)	Examiner: Unassigned
Filed: July 15, 2003)	Confirmation No.: 5988
For: POLYNUCLEIC ACIDS ISOLATED)	
FROM A PORCINE REPRODUCTIVE)	
AND RESPIRATORY SYNDROM)	
VIRUS (PRRSV), AND PROTEINS)	
ENCODED BY THE POLYNUCLEIC)	
ACIDS)	

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Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

All of the listed documents were previously made of record in prior Application Serial Nos. 08/301,435 (now US Patent No. 6,592,873), filed September 1, 1994 and 08/131,625 (now US Patent No. 5,695,766), filed October 5, 1993, upon which Applicants rely for the benefits provided in 35 U.S.C. § 120. In accordance with 37 C.F.R. § 1.98, no copies the listed documents are enclosed.

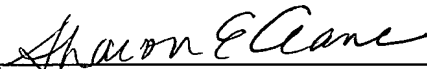
The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date December 28, 2004

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Sharon E. Crane, Ph.D.
Registration No. 36,113

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(use as many sheets as necessary)

Sheet

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U.S. PATENT DOCUMENTS

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)
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					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	2076744		Canada	08-00-1992							
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	WO 96/04010		WO	02-00-1996							
	90 06619		WO	03-00-1996							
	WO 96/40932		WO	12-00-1996							

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Substitution for form 1449A, PTO & 1449B, PTO			Complete if Known		
FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>			Application Number	10/618,779	
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Sheet	2	of	7	Attorney Docket Number	033303-052

NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
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Examiner Signature	Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

**FIRST
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 7 of 7

Complete if Known

Application Number	10/618,779
Filing Date	July 15, 2003
First Named Inventor	Prem S. Paul et al.
Examiner Name	Unassigned
Attorney Docket Number	033303-052

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